

GPAT 2023 Answer Key- Shift 2

1. Phocomelia is caused by
A: Thalidomide
2. EDTA is an example of
A: Hexadentate
3. The most common type of megaloblastic caused by malabsorption of vitamin B12 and decreased production of hydrochloric acid is a deficiency of
A: Pernicious Anaemia
4. What is not a type of conjugation reaction
A: Acetylation
5. The Schick test is used for the measurement of
A: Diphtheria
6. Absorption of Vitamin B12 is facilitated by
A: Glycoprotein
7. Which of the following drug is not used for systemic use
A: Neomycin
8. Which of the following are biochemical observations in case of graves disease
A: Increase T3 and T4
9. which of the following is a 3rd generation Cephalosporin
A: Cefotaxime
10. Activate G protein-gated potassium channels resulting in membrane hyperpolarization
A: Alpha 2 adrenergic receptor
11. Which of the following is not an ACE inhibitor
A: Verapamil
12. which is a protein marker that can be detected within 3 hours of acute ischemic kidney injury from a patient's urine
A: N-acetyl-beta-D-glucosaminidase
13. Which of the following gene is responsible for graft rejection in humans
A: HLA gene
14. Which is a chelate
A: Iron
15. which of the following is the correct mechanism of action, select it
A: Methotrexate /Option B
16. which of the following combination is correct
A: Protease Inhibitors
17. which of the following is correct with respect to voltage-gated calcium channel
A: L-Type channels
18. Valproate and Carbamazepine can be used as first-line drugs for the management of the following types of seizures
A: Both partial and tonic clinic seizure
19. Which of the following cell cycle phase has a shorter duration

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- A: M**
- 20. Flight or fight response is mediated by**
A: sympathetic in autonomic nervous system
- 21. One of the following is correct type question**
A: Option C
- 22. which of the following anti-rheumatoid is contraindicated in patients with renal and hepatic impairment**
A: Methotrexate
- 23. Which of the following interferes with the release of cholinergic neurotransmitters acetylcholine by the neurons of the autonomic nervous system**
A: Botulinum Toxin
- 24. which of the following is an amino alcohol analogous that has weak visceral anticholinergic activity but is a strong nicotinic drug**
A: Biperiden
- 25. which of the following is acellular**
A: Virus
- 26. The beta-adrenergic antagonist propranolol is prescribed to around 50% of maniac patients receiving lithium to mitigate which side effect**
A: Tremors
- 27. The recombinant process in a cell occurring through the mediation of phages is called as**
A: Transduction
- 28. Match the following question type-Column 1 and Column 2**
A: Option A
- 29. Schedule 0 refers**
A: Disinfectant Fluid
- 30. ICH guidelines for photostability testing of new drugs substance**
A: Q1B
- 31. In schedule M, which part includes sterile and parenteral**
A: Part 1A
- 32. When CO is activated CYP enzymes get activated at which wavelength**
A: 450
- 33. Deficiency of enzyme found in HER's disease**
A: Liver Glycogen phosphorylase
- 34. In 1798 Edward Jenner discovered**
A: Vaccination
- 35. Aloe comes under which glycoside**
A: C- Glycoside
- 36. Modified Borntrager test gives a response in which glycoside**
A: C- Glycoside
- 37. Indole ring containing drug derived from tryptophan**
A: Ajmalicine

38. Sudan III and tincture of an alkane are used for the identification of which types of secondary metabolism

A: Volatile Oil

39. In pharmaceutical management, RRR stands for

A: Relative, Risk, Reduction

